

## Replacement Sheet

Appl. No.: 10/716,489

Title: MAMMALIAN PROTEIN PHOSPHATASES

Inventors: Gregory D. Plowman et al.

Atty. Docket No. 034536-0181



&gt;SEQID#1\_SGP037

ATGTCAACAGCTGCCCTTAATTACTTTGGTCAGAAAGTGTGGGAACCCAGGTGAGAAAGGAGAGTGTCTGCTAAGCTCCCGCCTGCTGCAGGACGACA  
GGCGGTGACACCCACGTGCCACAGCTCCACTTCAGAGCCTAGGTGTTCTCGGTTTGACCCAGATGGTAGTGGGAGTCCAGCTACCTGGGACAA  
TTTGGGATCTGGGATAACCGCATTTGATGAGCCAAATTCGTGCCACCCAGCAATTAAGTATGGCAAGCCAAATTCGCCAAATCAAGCTTGGAAATG  
TGGGTGCGCCTCACAGATTGGCAACCGAAAGAGATGAAGATCGGTTTGACTTCGCTCAGCTGACAGATGAGGTCTGTACTTTGTCAGTGTGA  
TGATGGACAAGGTGGACCTGCAGCAGCTGATTTCTGTCTATACCCACATGGAGAAATGTATTTGATTTGCTTCTTAAGGAGAAAGAACTTTGGAA  
ACTCTGTTGACCTTGGCTTTTCTAGAAATAGATAAGCCTTTTCGAGTCAATGCCCGCCTGTCTGTGATGCAACTCTTCTGACCTCTGGGACTACT  
GCAACAGTAGCCCTATTGCGAGATGGTATTGAACCTGGTTGTAGCCAGTGTGGGACAGCCGGGCTATTTGTGTAGAAAGGAAACCCATGA  
AGCTGACCAATTGACGATACCTCAGAAAGAAAGATGAAGAAAGGATCAAGAAATGTGTGGTTTGTAGCTTGGAAATAGTTTGGGGCAGC  
CTCACGTAAATGGCAGGCTTGCAATGACAAAGATATTGGAGATTGGACCTTAAGACCAGTGTGTGTCATAGCAGAACCTGAACCTAAGAGGAT  
TAAGTTACATCATGCTGATGACAGCTTCTGCTCCTCACACAGATGGAAATTAACCTCATGTGTGAATAGTCAAGAGATTTGTGACTTTGTCAATC  
AGTGCCATGATCCCAACGAAGCAGCCCATGGGTGACTGAACAGGCAATAACAGTACTGAGGATAACAGTACTGCAGTAGTAGTGCCTTT  
TGGTGCTGGGGAAAATATAAGAACTCTGAAATCAACTTCTCATTCAGCAGAAAGCTTTGCCCTCCAGTGGACGATGGGCTGA

Fig. 1

>SEQID#2\_SGP037  
MSTAALITLVRSGGNQVRRRVLLSSRLQDDRRVPTTCHSSTSEPRCSRFPDGGSPA TWDNFGIWDNRDEPILLPSIKYKPKPKISLENVGCASQIG  
KRKENEDREFDFAQLTDEVLYTA VYDGHGGPAAADFCHTHMEKCMDLLPKEKNLETLTLAFLIDKAFSSHARLSADATLLTSGTTATVALLRDGIEL  
VVASVGDSRAILCRKGKPMKLTIDHTPERKDEKERIKKCGGFVA WNSLGQPHVNGRLAMTRSIGDLDLKTSGVIAEPETKRUKLHHADDSFLVLTIDGI  
NFMVNSQHEICDFVNQCHDPNEAAHA VTEQAIQYGTEDNSTAVVPFGAWGKYKNSEINFSSRSFASSGRWA

Fig. 2